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Exam Code: 70-480

Exam Name: Programming in HTML5 with JavaScript and CSS3

New Questions

QUESTION 1
Q1. You are developing a web page that includes the following HTML. <span id="myTextSpan" class="myStyle">Hello, World!</Span> You need to use inline CSS styling to format the text with Arial font.
Which code segment should you use?

```
A.  <style>
        .myStyle
        {
            font-style: Arial;
        }
    </style>
```

```
B.  <span id="myTextSpan" class="myStyle" style="font-family: Arial">Hello, World!</
```

```
C.  <span id="myTextSpan" class="myStyle" style="font-style: Arial">Hello, World!</
```

```
D.  <style>
        .myStyle
        {
            font-family: Arial;
        }
    </style>
```

A. Option A
B. Option B
C. Option C

D. Option D

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Q.2 You develop an HTML5 webpage. You have the following JavaScript code:

```
01 $(document).ready(function () {
02
03     e.preventDefault();
04     ...
05   });
06 });
```

You need to handle the click event when a user clicks the show/Dialog button.
Which code segment should you insert at line 02?

A. $ (document).trigger("click", "#showDialog", function (e) {
B. $ (document).on ("#showDialog", "click", function (e) {
C. $(document).toggle("click", "#showDialog", function (e) {
D. $(document).on("click", "#showDialog", function (e) {

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3

Q. 3 You are developing an application that processes order information. Thousands of orders are processed daily. The application includes the following code segment. (Line numbers are included for reference only.)

```
01 var counter = 0;
02 while (process()) {
03    counter++;
04
05    updateStatus();
06 }
```

The application must:
Display the number of orders processed and the number of orders remaining Update the display for every 25th record processed
You need to develop the application to meet these requirements.
Which line of code should you insert at line 04?

A. If (!(counter % 25))

B. if (counter == 25)

C. if (counter >> 25 == 0)

D. if (counter >> 25 == 0)

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
AQ.4
You develop an HTML5 webpage. You have the following HTML markup:
<input type="text" id="username" />
You need to prevent users from entering specific characters into the username field.
What should you do?

A. Using the keyup event, add an anonymous function that returns true when a specific character keycode value is determined.
B. Using the change event, add an anonymous function that returns true when a specific character keycode value is determined.
C. Using the keydown event, add an anonymous function that returns false when a specific character keycode value is determined.
D. Using the change event, add an anonymous function that returns false when a specific character keycode value is determined.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Q5.

You troubleshoot a webpage that contains the following HTML markup: (Line numbers are included
for reference only.)

```
01   <div onclick="someEvent()">
02     <input type="radio" name="sizeRadio" id="sizeRadioSml" value="1'
   <label for="sizeRadioSml">Small</label>
03     <input type="radio" name="sizeRadio" id="sizeRadioMed" value="2'
   <label for="sizeRadioMed">Medium</label>
04     <input type="radio" name="sizeRadio" id="sizeRadioLrg" value="3'
   <label for="sizeRadioLrg">Large</label>
05   </div>
```

The webpage also contains the following JavaScript function named someEvent() that is declared in
the HEAD section of the HTML:
Function someEvent() {
Alert('someEvent fired!');
}
The JavaScript function named someEvent() must run only when the user clicks the DIV element, not
the INPUT elements.

You need to modify the webpage to invoke the JavaScript function named someEvent().
What should you do? (Each correct answer presents a complete solution. Choose two.)

☐ A. Modify all INPUT elements by using the following HTML attribute:

```
onclick="stopPropagation(event)"
```

Declare the JavaScript function named **stopPropagation()** in the HEAD section of the HTML

```
function stopPropagation(event) {
  event = event || window.event;
  if (event.stopPropagation) {
    event.stopPropagation();
  } else {
    event.cancelBubble = true;
  }
}
```

☐ B. Place all INPUT elements within a SPAN element.

☐ C. Replace the DIV element declaration at line 01 with the following HTML markup:

```
<div onclick="someEvent(this,event)">
```

Modify the JavaScript function named **someEvent()** as follows:

```
function someEvent( el, event ) {
  var target = event.srcElement || event.target;
  if( el === target ) {
    alert('someEvent fired!');
  }
}
```

D. Replace the DIV element declaration at line 01 with the following HTML markup:

```
<div>
```

Modify all INPUT elements by using the following HTML attribute:

```
onclick="someEvent()"
```

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Q.6

You develop a webpage by using HTML5.
The user interface of the webpage must show a gray-lined box that contains the label Enter your
information:. Inside the box are two labels and two input boxes. The first input box must be labeled
Name:. The second input box must be labeled Email:. Below the box is a Submit button.
The user interface must look like the following;

Enter your information:

Name:

Email:

Submit

You need to create the user interface.

Which markup should you use?

A.
```
<table border="1">
    <tr>
        <td>Enter your information:<br />
            Name: <input type="text" /><br />
            Email: <input type="email" /><br />
        </td>
    </tr>
</table>
<button value="submit">Submit</button>
```

B.
```
<fieldset>
    <legend>Enter your information:</legend>
    Name: <input type="text" /><br />
    Email: <input type="email" /><br />
</fieldset>
```

○ C.
```
<details>
  <label>Enter your information:</label>
  Name: <input type="text" /><br />
  Email: <input type="email" /><br />
</details>
<button value="submit">Submit</button>
```

○ D.
```
<section>
  <label>Enter your information:</label>
  Name: <input type="text" /><br />
  Email: <input type="email" /><br />
</section>
<button value="submit">Submit</button>
```

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Q. 7

You are developing an application to track project management for your company. The status of the
project is stored in a variable named percentComplete.
The method must execute only when percentComplete is equal to the numeric value 100.
You need to develop the application to meet the requirement.
Which code segment should you use?

```
C A.   if (percentComplete = 100 || percentComplete != 100) {
          ...
       }


C B.   if (percentComplete = 100 && percentComplete != 100) {
          ...
       }


C C.   if (percentComplete % 100) {
          ...
       }


C D.   if (percentComplete === 100) {
          ...
       }


C E.   if (percentComplete = 100) {
          ...
       }
```

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
Q8.

DRAG DROP
You develop a website for a company by using HTML5.
You have the following requirements:
Allow multiple news postings per page under the title "Welcome to the Semantic Web!".
Search engines must be able to index individual news postings.
News postings must be styled by using the following CSS markup:
.posting { line-height: 150%;)
You need to structure the markup for each individual news posting.
How should you complete the relevant markup? (To answer, drag the appropriate markup to the
correct location or locations in the answer area. Use only markup that applies.)

Answer Area

Options:
- article
- aside
- body
- div
- div class="posting"
- div id="posting"
- head
- header

Answer Area:

< [_____] >

< [_____] >

Welcome to the Semantic Web!

</ [_____] >

< [_____] >

...

</ [_____] >

</ [_____] >

Select and Place:

```
<article>

  <header>

  Welcome to the Semantic Web!

  </header>

  <div class="posting">

  ...

  </div>
```

Correct Answer:

```
< article >

    < header >

    Welcome to the Semantic Web!

    </ header >

    < div class="posting" >

    ...

    </ div >
```

Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Q.9

You have a webpage that includes the following markup and code:

```html
<!DOCTYPE html>
<html>
  <head>
    <script>
      function start() {
        var counter = 10;
        var fun = function () {
          counter = 20;
        }
        return counter;
      }
    </script>
  </head>
  <body>
    <button id="submit" onclick="alert(start());">Start</button>
  </body>
</html>
```

You need to troubleshoot the code by clicking the Submit button.
Which value will be displayed?

A. 10
B. 20

C. Undefined

D. Runtime error

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Q. 10

You develop an HTML5 webpage with custom CSS. You have the following HTML markup:
<div class="new" Item">...</div>

You have the following requirements:
In addition to your CSS, you must use a corporate branded stylesheet named corporate.ess.
The corporate.ess file contains the style rule that must be used for .newsItem.
You must use the corporate.ess file to ensure that the webpage changes when the brand changes.
You must add additional style rules to the webpage.
You cannot modify the corporate.ess file.
You need to apply the appropriate CSS rules to meet the requirements.
What should you do?

A. Add a CSS class named .newsItemUpdates to the webpage, add only the new styles to this class,
    and update the class attribute of the HTML markup:
    <div class=nnewsItem newsItemUpdates">..,</div>

B. Update the corporate.ess file to include! important for each rule for the .newsItem. class, and add
    the new CSS rules to the webpage by using the CSS class .newsItem.

C. Add a CSS class named .newsitemUpdates to the webpage, add the new styles to this class, and
    update the HTML markup to replace the .newsItem class with this new class:
    <div class*"newsItemOpdates">...</div>

D. Add the new CSS rules to the webpage by using the CSS class .newsItem, and add! important to
    each rule.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
Q.11

You are developing an e-commerce website. Users place products into a shopping cart.
You need to ensure that the shopping cart data is available between browser sessions.
Which object should you use to store the shopping cart data?

A. clientStorage
B. localStorage
C. applicationStorage
D. sessionStorage

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Q.12

You develop an HTML5 webpage. You have the following HTML markup:

```
<label for="personname">Given and Surname:</label>
<input type="text" name="personname" /><br />

<label for="businessname">Business Name:</label>
<input type="text" name="businessname" /><br />

<label for="emailaddress">Email Address:</label>
<input type="text" name="emailaddress" />
```

A. $ ('input [name!="name"]') .ess ({ 'background-color' : ' #E0ECF8'}) ;
B. ${'input [name~="name"] ') .ess ({ 'background-color' : ' #E0ECF8' }) ;
C. ${'input[name*="name"]').ess({'background=color': #E0ECF8'});
D. $('input [name$="name"] ') .ess ({ 'background-color' : '#E0ECF8'});

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
Q.13

You are developing a web application by using HTML5.
You have the following requirements.
The color of a menu item must change when a user hovers over the item.
The color of the menu item must change back to its original color after five seconds.
You need to ensure that the animation is applied to all menu items.
Which CSS3 code should you use?

C A.
```
menuitem:hover {
    color: yellow
    opacity: 100
    transition-timing-function:ease-in;
    . . .
}
```

C B.
```
menuitem:hover {
    background-color: yellow;
    transition-duration:5s;
    . . .
}
```

C C.
```
menuitem:hover {
    color: yellow
    transition-property:color;
    transition-duration:5s;
    . . .
}
```

C D.
```
menuitem:hover {
    color: yellow
    transition-duration:5s;
```

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Q.14

HOTSPOT
You are implementing an HTML page that uses a custom sans-serif font. The CSS statement for the
page is as follows.

```css
@font-face {
    font-family: 'special';
    src: url(/Special.eot) format('embedded-opentype');
}


body {
    font-family: 'special';
}
```

Some users report that text is displayed in the default font for the browser.
You need to modify the CSS statement to ensure that the content is displayed with the custom font.

What should you do? (To answer, select the appropriate options from the drop-down lists in answer area.)

Work Area

```
@font-face {
    font-family: 'special';
    src: url(/Special.eot) format('embedded-opentype');
```

[▼]

```
}
```

```
body {
```

[▼]

```
}
```

Work Area

```
@font-face {
  font-family: 'special';
  src: url(/Special.eot) format('embedded-opentype');
```

▼

```
font-family: 'special', sans-serif;
font-family: 'special', inherit;
font-family: 'special'; font-synthesis: sans-serif;
font-family: 'special'; font-variant: sans-serif;
src: local('sans-serif') url(/Special.ttf) format('all');
src: url(/Special.ttf) format('truetype');
```

```
}
```

```
body {
```

▼

```
} font-family: 'special', sans-serif;
  font-family: 'special', inherit;
  font-family: 'special'; font-synthesis: sans-serif;
  font-family: 'special'; font-variant: sans-serif;
```

Hot Area:

Work Area

```css
@font-face {
  font-family: 'special';
  src: url(/Special.eot) format('embedded-opentype');
```

font-family: 'special', sans-serif;
font-family: 'special', inherit;
font-family: 'special'; font-synthesis: sans-serif;
font-family: 'special'; font-variant: sans-serif;
src: local('sans-serif') url(/Special.ttf) format('all');
src: url(/Special.ttf) format('truetype');

```css
}
```

```css
body {
```

font-family: 'special', sans-serif;
font-family: 'special', inherit;
font-family: 'special'; font-synthesis: sans-serif;
font-family: 'special'; font-variant: sans-serif;
src: local('sans-serif') url(/Special.ttf) format('all');

Correct Answer:

Work Area

```
@font-face {
  font-family: 'special';
  src: url(/Special.eot) format('embedded-opentype');
  ┌─────────────────────────────────────────────────────────▼─┐
  │ font-family: 'special', sans-serif;                        │
  │ font-family: 'special', inherit;                           │
  │ font-family: 'special'; font-synthesis: sans-serif;        │
  │ font-family: 'special'; font-variant: sans-serif;          │
  │ src: local('sans-serif') url(/Special.ttf) format('all');  │
  │ src: url(/Special.ttf) format('truetype');                 │
  └────────────────────────────────────────────────────────────┘
}


body {
  ┌─────────────────────────────────────────────────────────▼─┐
  │ font-family: 'special', sans-serif;                        │
} │ font-family: 'special', inherit;                           │
  │ font-family: 'special'; font-synthesis: sans-serif;        │
  │ font-family: 'special'; font-variant: sans-serif;          │
  │ src: local('sans-serif') url(/Special.ttf) format('all');  │
```

Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
Q. 15

Your company uses a third-party component that generates HTML for a website. The third-party
component creates DIV elements that display a yellow background.
The third-party component uses inline styles in the DIV elements that are inconsistent with your
corporate standards. You must override the DIV elements in the style sheet with the corporate
styles.
You need to ensure that the website meets corporate standards.
Which style should you

A. `#alldiv`
```
#alldiv
{
   background: yellow;
   font: 12px/22px Arial;
}
```

B. `div p:only-child`
```
div p:only-child
{
   background: yellow;
   font: 12px/22px Arial;
}
```

C. `div`
```
div
{
   background: yellow !important;
   font: 12px/22px Arial !important;
}
```

D. `div`

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Q . 16

You develop an HTML5 webpage that contains the following HTML markup:

```
<label for='favoriteColor'>Favorite Color(2-10 characters):</label>
<input type='text' id='favoriteColor' />
<input type='button' value='Submit'
 onclick="testLength(document.getElementById('favoriteColor'), 2, 1
```

Users must receive a message after they click the Submit button if the text entered int
favoriteColor text box is fewer than 2 characters or greater than 10 characters.

You need to implement the testLength() function.

Which code segment should you use?

○ A.
```
function testLength(element, min, max) {
    var uInput = element.value;
    var min = element.value.length;
    var max = element.value.slice(0, element.value.length);
    if (uInput.length >= min && uInput.length <= max) {
      return true;
    } else {
      alert("Please enter between " + min + " and " + max + " charact
      element.focus();
      return false;
    }
}
```

○ B.
```
function testLength(min, max) {
    var uInput = this.value;
    if (uInput.length >= min && uInput.length <= max) {
      return true;
```

C.
```
function testLength(this) {
    var uInput = this.value;
    var min = this.value.length;
    var max = this.value.slice(0, this.value.length);
    if (uInput.length >= min && uInput.length <= max) {
        return true;
    } else {
        alert("Please enter between " + min + " and " + max + " charac
        element.focus();
        return false;
    }
}
```

D.
```
function testLength(element, min, max) {
    var uInput = element.value;
    if (uInput.length >= min && uInput.length <= max) {
        return true;
    } else {
        alert("Please enter between " + min + " and " + max + " charac
        element.focus();
        return false;
    }
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
Q. 17

You are developing a website that helps users locate theaters in their area from a browser. You
created a function named findTheaters ().
The function must:
Get the current latitude and longitude of the user's device
Pass the user's location to findTheaters()
The user needs to access the geolocation information from the browser before searching for
theaters.
Which code segment should you use?

B. Option B
C. Option C
D. Option D

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Q. 18

You are developing an HTML5 web application. The application loads data from a web serv
using AJAX. The application displays the data by calling the displayData function. The data is l
by using the following code.

```
var ajax = $.ajax({
   url: dataUri,
});
```

You need to ensure that the data is displayed when it is successfully retrieved from the web ser
Which code segment should you use?

A. `displayData(ajax.data);`

B.
```
ajax.done = function (data) {
   displayData(dataOperation);
};
```

C.
```
ajax.always = function (data) {
   displayData(dataOperation);
};
```

D. `displayData(ajax.val());`

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Q. 19

You are developing a web page that performs CPU-intensive calculations. A web worker processes
these calculations on a separate background thread. The process is instantiated from the web page.
You need to stop the web worker process after the calculations are completed.
Which two actions can you perform to achieve this goal? (Each correct answer presents a complete
solution. Choose two.)

A. From the web page, call the close() method.

B. From the web worker process, call the terminate() method.

C. From the web page, call the terminate() method.

D. From the web worker process, call the close() method.

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20

Q. 20

You are developing an HTML5 page named main.html. The JavaScript code for the main page is
located in a file named myApp.js.
You need to create a web worker and instantiate it from main.html.
Where should you place the web worker code?

A. In the myApp.js file

B. In the main.html file

C. In a separate .js (JavaScript) file

D. In a separate executable file

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Q. 21

You are developing a JavaScript library.
You have the following requirements:
Custom exceptions must include an error message and custom error number.
These exceptions must be thrown when data validation errors occur.
Developers must call the library to easily catch the exception and identify the problem.
You develop the following code. (Line numbers are included for reference only.)

```
01   function ValidationException(number, message) {
02      this.message = message;
03      this.name = "myLibrary Exception";
04      this.number = number;
05   }
06
07   function myFunction(dayOfWeek) {
08      if (dayOfWeek > 7) {
09
10      }
11   }
```

A. throw new Validatior.Exception (123, "Day of week must be les3 than 7");
B. return new ValidationException(123, "Day of week must be less than 7");
C. throw ValidationException(123, "Day of week must be less than 7");
D. catch ValidationException(123, "Day of week: must be less than 7");

Correct Answer: A
Section: (none)
Explanation

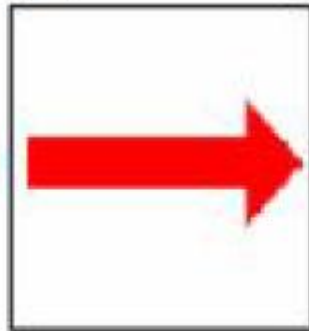**Explanation/Reference:**

QUESTION 22
Q. 23

You are developing an application that retrieves a stock rate from an external web service. A web

page displays a simple rotating animation to indicate whether the stock rate is increased or decreased.
The default image, as shown in the following graphic, indicates unchanged or neutral.

Stock Price

The arrow must point down if the stock rate is decreased, as shown in the following graphic.

Stock Price

You need to ensure that the arrow points down when the stock rate decreases.
Which CSS style should you apply?

A.
```
<style type="text/css">
    div
    {
        width:20px;
        height:20px;
        transform:move(90deg);
    }
</style>
```

C B.
```
<style type="text/css">
   div
   {
     width:20px;
     height:20px;
     transform:rotate(-90deg);
   }
</style>
```

C C.
```
<style type="text/css">
   div
   {
     width:20px;
     height:20px;
     transform:move(-90deg);
   }
</style>
```

C D.
```
<style type="text/css">
   div
   {
     width:20px;
     height:20px;
```

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Q. 24

You are troubleshooting a web page that includes the following code segment.

```
var x = 0;
function fun() {
   var x = 1;
   if (x) {
      x = 2;
   }
}
fun();
alert(x);
```

You need to evaluate the value of the variable x.
What will be displayed in the user interface?

A. 0
B. 1
C. 2
D. An error

A. Option A
B. Option B
C. Option C

D. Option D

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
Q. 24

You develop an HTML5 chat application.
You need to provide real-time updates to the messages that users post in the chat application.
What should you do?

A. Use get o to obtain data updates.

B. Use a RESTful web service.

C. Use WebSockets.

D. Use ajaxo to obtain data updates.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Q. 25

You are creating a rotating image of a company logo.
The logo must spin on a horizontal axis and on a vertical axis.
You need to use the least amount of development effort to meet the requirement.
What should you do?

A. Create an Image Spinner object, load the image into the spinner, and set the horizontal and
    vertical rotation properties.
B. Create a Canvas Globe transform and set the image as the globe object. Set the horizontal and

vertical rotation properties.

C. Create a single Canvas 3D transform and load the image into it. Set the rotation properties.

D. Create a Canvas 2D transform and set the image to rotate horizontally and vertically.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
Q. 26

You are developing an HTML5 web application that provides a discussion forum for users. When a
user registers to access the application, the user enters an email address.
Users can enter data that can result in cross-site scripting (XSS) attacks.
You need to ensure that email input is as secure as possible.
Which two techniques should you use? (Each correct answer presents a complete solution. Choose
two.)

A. Remove all nonalphanumeric characters before submitting data.

B. Use the email tag in forms where the email address is entered.

C. Display all email addresses inside of an HTML5 ADDRESS element.

D. Use jQuery validation with a regular expression to ensure that email addresses are valid.

E. Ensure that all form data is encrypted when it is submitted.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Q. 27

You are creating a blog site by using HTML5 and JavaScript. An inline frame enables users to post
comments. It is possible for users to inject malicious scripts into their comments.

You need to minimize the ability for malicious scripts to execute on the site.
Which line of code should you use?

A. <iframe sandbox src="frame1.htmlnX/iframe>

B. <iframe seamless="allowscripts" src="frame1.html"<>/iframe>

C. <iframe seamless src="frame1.html"></iframe>

D. <iframe sandbox="allowscripts" src"frame1.html"x/iframe>

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
Q. 28

You develop an HTML5 application that interacts with a REST service. The REST service accepts JSON
data. A JavaScript object named form Data contains data that is sent to the REST service.
You need to convert the JavaScript object named formData into JSON.
Which code segment should you use?

A. jQuery.ajax.valueOf(formData);

B. window.evai(formData);

C. JSON.stringify (formData);

D. formData.toString();

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
Q. 29

You are developing an HTML page that includes the following code.
<h1 id="header">A Static Page</hl>
You need to modify the content of the HI element dynamically by using JavaScript.
Which code segment should you use?

```
C A.    var myHeader = document.getElementsByTagName("heade

        myHeader = "A Dynamic Page";


C B.    var myHeader = document.getElementById("header");

        myHeader = "A Dynamic Page";


C C.    var myHeader = document.getElementsByTagName("heade

        myHeader.innerHTML = "A Dynamic Page";


C D.    var myHeader = document.getElementById("header");
```

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Q. 30

You are developing a web page that will contain an animated logo. The web page currently has a
logo image on a canvas object.
You need to spin the logo image on the canvas.
Which method should you use?

A. context.rotate()
B. context.spin()
C. context.translatePosition()
D. context.setTransform()

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
Q. 31

You create the following JavaScript code:

```javascript
var myApplication = myApplication || {};
myApplication.Vehicle = function (displayControl, color, seatCount, tranType, wh
    this.Color = color;
    this.NumberOfSeats = seatCount;
    this.TransmissionType = tranType;
    this.NumberOfWheels = wheelCount;
    this.showVehicle = document.getElementById(displayControl);
};
myApplication.Vehicle.prototype = {
    Describe: function () {
        var valuesToDisplay = '';
        for (var property in this) {
            if (typeof (this[property]) === 'string')
            {
                valuesToDisplay += 'Vehicle ' + property + ' is ' + this[property] + '<b
            }
            else if(typeof (this[property]) === 'number')
            {
                if (this[property] < 4)
                {
                    valuesToDisplay += 'Stay safe!' + '<br />';
                }
                else if(this[property] >= 10)
                {
                    valuesToDisplay += 'Big machine!' + '<br />';
                }
            }
        }
        this.showVehicle.innerHTML = valuesToDisplay;
    }
};
```

You must invoke a function that displays the vehicle information within the following HTML elen

`<div id="display"x/div>`

The output of the function must appear on the webpage as fol

Vehicle   Color   is

Stay

Vehicle   TransmissionType   is   ma

Big machine!

You need to invoke the JavaScript function to display the required output in the HTML element.

Which two code segments should you use? (Each correct answer presents a complete solu

Choose two.)

☐ A. `var mySportsCar = new myApplication.Vehicle('display', 'manual', 4, 'silver`
       `mySportsCar.Describe();`

☐ B. `var myDumpTruck = new myApplication.Vehicle('display', 'silver', 10, 'manua`
       `myDumpTruck.Describe();`

☐ C. `var myBigRig = new myApplication.Vehicle('display', 'silver', 2, 'manual',`
       `myBigRig.Describe();`

☐ D. `var myMotorcycle = new myApplication.Vehicle('display', 'blue', 2, 'manual'`
       `myMotorcycle.Describe();`

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference: